

FUJICA Single-8 AX100

OWNER'S MANUAL

FUJI FILM

This manual will show you how to use the FUJICA Single-8 AX100 correctly. Be sure to read it over carefully.

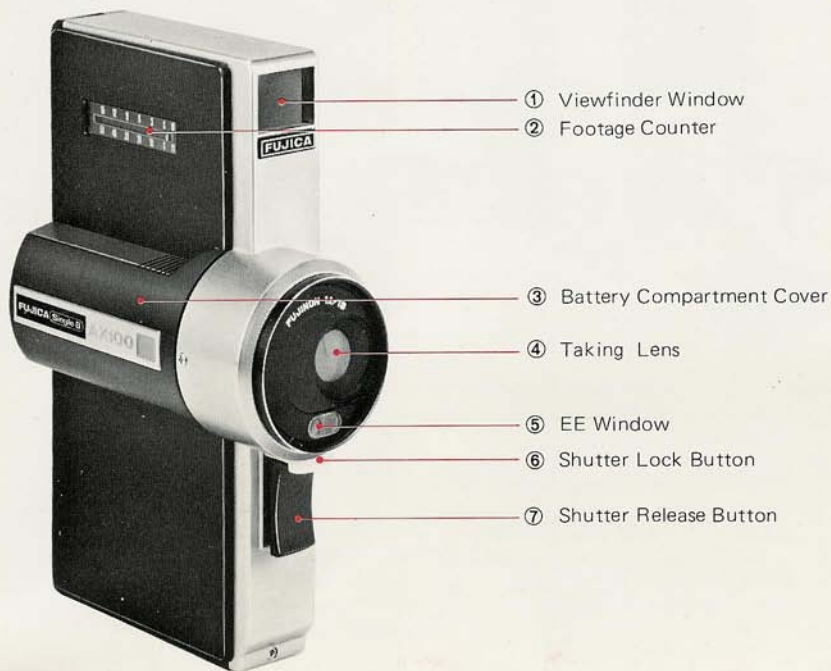
① SPECIAL FEATURES

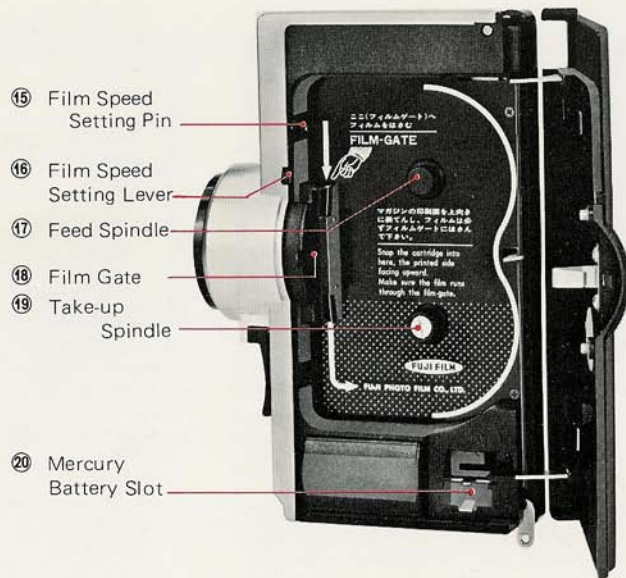
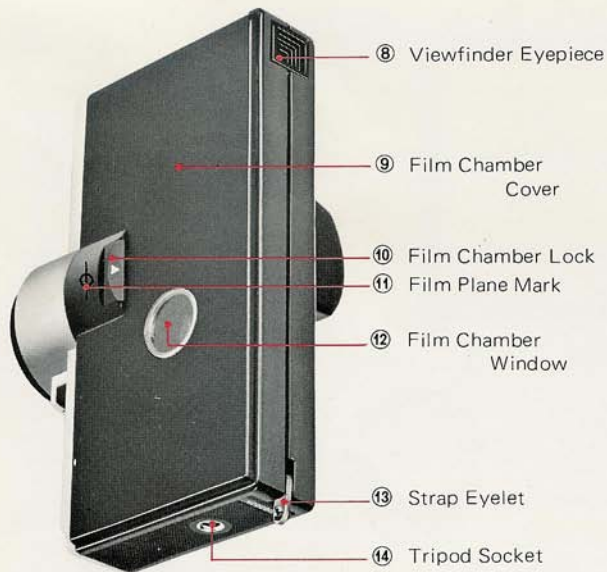
This camera is equipped with a much faster lens (F1.1) than earlier cameras which usually come with an F1.8 lens. The shutter opening angle is also 50% wider. It will therefore let you take pictures without supplementary illumination in situations where the light is so dim that other cameras fail. It is surprising in how dim a light it will take pictures when loaded with a fast ASA 200 film. Its expanded picture-taking scope makes it ideal for shooting home movies and vacation trip pictures. It will also perform as well as any other camera outdoors in bright light.

② SPECIFICATIONS

- **Type** High performance Single-8 cartridge loading.
- **Lens** FUJINON 1:1.1 f=13mm, prefocused.
Lens Composition Five component, 7 element.
Filter Screw in 40.5mm ϕ (Fit on, 42mm ϕ).
- **Viewfinder** Reverse Galilean.
Type Under- and overexposure warning signal (lamp).
Feature
- **Film Transport** Power drive, 2 penlight batteries. Batteries (AA-Size) good for 10 rolls of film.
Film Drive 18 f.p.s.
Frame Rate S (Start) to 15m (50 ft.), automatic reset.
Footage Counter
- **Shutter** Push button, provided with safety lock.
Shutter Release 230°
Shutter Opening Angle 1/28 sec.
Shutter Speed
- **Exposure Control** CdS EE, 2-blade aperture.
Type 1.1 - 16.
Aperture Range Automatic for ASA 25, 50, 100 and 200 film.
Film Speed Setting 1.3V mercury battery (PX-13 or EPX-13 or equivalent).
Power Source 151.5mm(H) x 48mm (body 27mm)(W) x 98.5mm(D), 315g.
- **Dimensions & Weight**
- **Accessories** Soft case, hand strap.
Included Close-up lens, close-up lens TV, light balancing
Optional filter LBA-12Ax4.

③ NAMES OF PARTS





4 GETTING READY TO SHOOT

1. Load the Batteries



(1) Penlight Batteries

- ① Lift the Battery Compartment Cover slightly upward and slide it out in the direction of the arrow. Insert two penlight batteries into the battery holders, \oplus and \ominus sides correctly as illustrated on the holders, and replace the cover by sliding it back into place again.

Note: Use AA-size penlight batteries. Two of these will provide power for taking 10 rolls of film.



- ② Push the Shutter Lock Button to the right until the letter R on the bottom of the button comes opposite the white mark and press down the Shutter Release Button. If the camera starts running, the batteries are working. If not, check the battery clips. If the clips are loose, tighten by pushing them inward.



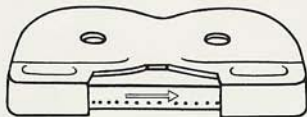
Dim light — Aperture — Bright light

(2) Mercury Battery

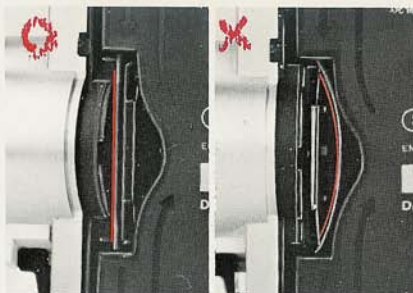
- ① Open the Film Chamber Cover by pushing the Film Chamber Lock in the direction of the arrow. Insert a mercury battery (PX-13 or EPX-13) into the Mercury Battery Slot with the \oplus side facing in and close the Film Chamber Cover.
- ② Face the EE Window toward light then block off the light by placing your hand between the light and the EE Window while watching the Taking Lens. If the aperture blades in the Taking Lens open and shut, the camera's EE system is working properly.

Note: The mercury battery will last about a year.

2. Load the Film



- ① Open the Film Chamber Cover by pushing the Film Chamber Lock back in the direction of the arrow.
- ② Hold the film cartridge with the printed side up, be sure you see the start mark (arrow) on the film, then drop the cartridge into the Film Chamber.



Correct

Wrong



- ③ The film must be properly inserted in the Film Gate as shown in the photo (above left).
- ④ Close the Film Chamber Cover and press down the Shutter Release Button for about 1 or 2 seconds while watching the Film Chamber Window. If the white dot on the cartridge spindle turns in the direction of the arrow, the film is advancing properly.

3. Attach the Hand Strap



Correct

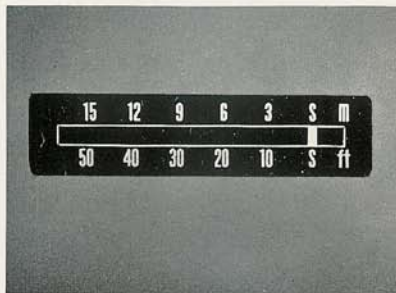


Wrong

The Hand Strap is attached to the Strap Eyelet with the triangular metal hoop.

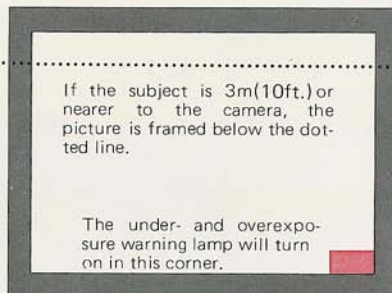
Note: The Film Chamber Cover will not open if the Strap Eyelet is sticking out from the back of the camera. This is likely to happen when the camera is mounted on a tripod. Be sure to flip it downward when changing film. See photo (above left).

4. What the Footage Counter Will Tell You



- ① When the Shutter Release Button is depressed, the short yellow bar in the Footage Counter will move slowly to the left to tell you how much film has been used. The white numbers represent meters and the yellow numbers represent feet.
- ② The yellow bar will automatically return to starting position (S) when the Film Chamber Cover is opened.

5. What the Viewfinder Will Tell You



(1) Field of View

- ① Everything seen through the Viewfinder Eyepiece will register on the film.
- ② When shooting close-range pictures, always leave a small margin on the top side of the viewfinder.

(2) Under- and Overexposure Warning Lamp

- ① Look through the Viewfinder and press the Shutter Release Button halfway down (the Shutter Release Button operates in two steps). If the lamp in the lower right hand corner of the Viewfinder does not turn on, the light is right for shooting.
- ② The over- and underexposure warning lamp will turn on when the Shutter Release Button is depressed if the

light is either too bright or too dim for correct exposure.

- If the light is too dim.....change to a faster film or use supplementary lighting but be sure to use the right kind of light.
 - If the light is too bright.....use any commercially available ND (neutral density) filter with 40.5mm diameter screw type. This filter will cut down the light intensity without affecting the film color balance or light quality.
 - If the lamp goes on and off.....the light is good enough for shooting.
- ③ To test the light to see whether or not a high speed film such as FUJI-CHROME RT200 can be used without actually loading the film into the camera, just open the Film Chamber Cover ever so slightly and press down the Shutter Release Button. If the lamp does not turn on, you can go ahead and use the film.
 - ④ If the mercury battery has not been loaded into the camera or if it is exhausted, the under- and overexposure warning lamp will turn on when the Shutter Release Button is depressed regardless of the light condition. Be sure to load the mercury battery and change it when exhausted.

5 CHOOSING THE RIGHT FILM

1. Two Films to Choose from

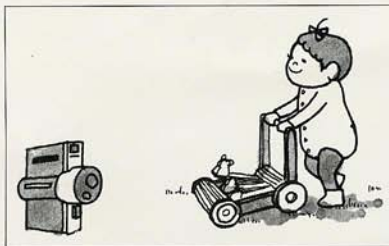
There are two Single-8 films to choose from and they cover a range wide enough for any picture-taking situation.

(1) Color films

These must be exposed in the type of light for which they are designed.

- **Outdoor pictures in daylight**

The film to use is FUJICHROME R25, daylight type, ASA 25.



This film can also be used for shooting twilight scenes, neon lights and fire-works. For supplementary lighting, use blue photo lamp.

- **Indoor pictures and street scenes at night**

Use FUJICHROME RT200, tungsten type, ASA 200.



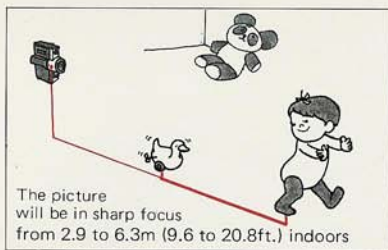
This high speed film is used for taking pictures in rooms illuminated with tungsten light as well as for shooting street scenes at night. No supplementary lighting is required. It can also be used for shooting under fluorescent light, but the pictures will take on a somewhat bluish cast.

2. You Are Now All Set to Shoot



To shoot, just look through the viewfinder, frame your picture, and press down the Shutter Release Button. That's all. But be sure to hold the camera steady. Any camera shake will be magnified on the screen. The correct way to hold the camera is shown in the accompanying photo.

3. The Lens is Prefocused

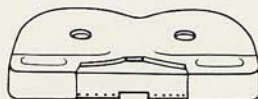
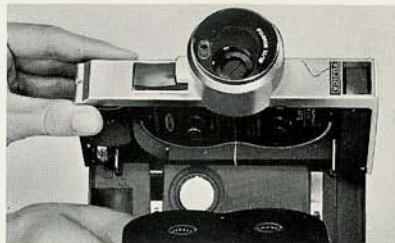


All the fuss and bother of focusing the lens has been eliminated. The range of sharp focus is as follows:

Outdoors in clear weather	1.1m (3.6ft.)—∞
Outdoors in cloudy weather	1.7m (5.7ft.)—∞
Indoors	2.9—6.3m (9.6—20.8ft.)

Note: If the subject is closer than the nearest distances shown above, it will turn out blurred.

4. After Shooting



(1) End of the film

When the end of the film is reached, the indicator bar of the Footage Counter will be pointing at 15m (50 ft.) and the cartridge spindle, which is visible through the Film Chamber Window, will not turn.

(2) Drop out the cartridge

To unload the cartridge, open the Film Chamber Cover, place your hand on the cartridge and turn the camera over. The cartridge will drop out in your hand by itself. (See accompanying photo).

Finally, be sure you see the end mark (a notch in the film) and send the film to the Single-8 processing laboratory without delay.

«How to Shoot Close-ups»

To shoot close-ups of about 1m (3.3ft.), use the accessory Close-up Lens (optional). How to use instructions are packed with the lens.

About 1m (3.3ft.) close-ups can also be taken with the accessory Close-up Lens TV (optional). This is supplied in a set with Light Balancing Filter LBA-12A. With this set, you can also take pictures on the screen of NTSC system TV receiving sets.

⑥ HOW TO SHOOT PICTURES ON THE SCREEN OF NTSC SYSTEM TV RECEIVING SETS



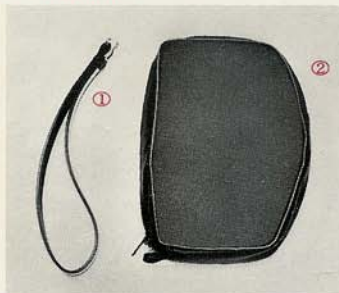
This camera will let you shoot pictures of the screen images on NTSC system TV receiving sets. All that is necessary is to use the accessory Close-up Lens TV (optional). Unlike those taken with other cameras, the pictures taken with this camera are entirely free of flicker.

Close-up Lens TV comes in a set with Light Balancing Filter LBA-12A. The film to use for taking TV screen pictures is FUJICHROME R25. Since this lens has a built-in parallax corrector, the entire field seen through the viewfinder will register on the film. How to use instructions are packed with the lens.

The countries presently using the NTSC color casting system are: USA, Canada, Uruguay, Ecuador, El Salvador, Cuba, Guatemala, Costa Rica, Colombia, Chile, Dominica, Trinidad Tobago, Nicaragua, Haiti, Panama, Paraguay, Venezuela, Peru, Honduras, Mexico, Iran (in some areas), Republic of Korea, Philippines, Republic of Viet Nam, Taiwan and Japan.

7 ACCESSORIES

1. Included



- ① Hand Strap
- ② Soft Case

2. Optional



- ① Light Balancing Filter LBA-12A x 4 for shooting with tungsten type film FUJICHROME RT200 in daylight.
- ② Close-up Lens for taking close-ups of about 1m (3.3ft.). Provided with parallax correction prism.
- ③ Close-up Lens TV for shooting TV screen images and close-ups of about 1m (3.3ft.). Read the paragraph on how to shoot TV screen images.

8 PHOTO NOTES AND CAMERA CARE

- ① Color films must be exposed in the type of light for which they are designed. Unless you are using a filter, use FUJICHROME RT200 for indoor, and FUJICHROME R25 for outdoor shooting.
- ② When shooting indoors, everything 2.9 to 6.3m (9.6 to 20.8ft.) away from the camera will be in sharp focus. Do not bring the camera too close to the subject.
- ③ Shoot with the camera held as steady as possible.
- ④ When shooting with the camera in motion (panning, for example), move it in one direction only. Do not move it back and forth.
- ⑤ Make each cut at least 5 seconds, no shorter.
- ⑥ For editing, use FUJICA EDITOR E55. For splicing, use FUJICA Single-8 SPLICER and Splicing Tape.
- ⑦ For safety, always carry the camera with the strap around the hand.
- ⑧ Clean the camera before and after shooting with an air blower and soft cloth. Take special care to keep the Film Gate clean.
- ⑨ Do not put fingermarks on the lens glass and viewfinder window. If you do, wipe off with Lens Cleaning Fluid.
- ⑩ When not in use, remove the batteries and keep the camera where it will be free from moisture, heat and dust.
- ⑪ During the hot summer months, avoid leaving the camera in the car or in moist places for too long a time. In winter (especially in the mountains and at ski resorts), be sure to protect the camera from freezing.

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